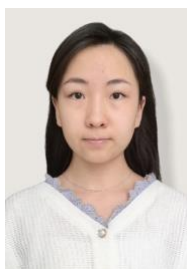## PERSONAL INFORMATION

Ariun-Erdene Tumurchuluun

📍 64A, Ikh toiruu, Ulaanbaatar, 15140, Mongolia

📞 (+ 976) 9998 2286

✉ ariunerdene.tn@gmail.com

🌐 ariun-erdene.github.io

💬 Telegram @Ariun_Erdene

Gender Female | Date of birth 14/09/2001 | Nationality Mongolian

WORK EXPERIENCE

June 2021 - present

Software engineer, AI Lab LLC, Mongolia

AI Lab LLC is a tech company established in 2018 and is a part of the Invescore group.

As a part of the development team, I do DevOps roles such as planning, coding, and testing with skilled senior engineers in my field. When developing new products, and services, or improving those that already exist, we utilize the research and development (R&D) process.

June 2020 – December 2020

Education Assistant, Empasoft LLC, Mongolia

Empasoft LLC, which is an official gold partner of Microsoft LLC since 2007, is known for its licensed software supply, transmission, development service, and training.

When I was a sophomore, one of my professors asked me to intern as an education assistant at Empasoft LLC. My role was to teach high schoolers about the fundamental concepts of Web Development (HTML, CSS, and JavaScript) and Java programming.

PROJECTS

September 2022 - present

Burenscore.mn

Buren Score LLC is a national fintech company founded in 2020. Based on modern IT and data analysis standards and solutions, the company provides a credit history and introduces innovative products like credit score and fraud prevention alerts to meet the financial sector's growing needs for seamless information services.

Even though this system had already been implemented by another development team, our goal was to develop it from scratch. My role in this project covers the implementation and optimization of the user experience, creating tools that improve site interaction regardless of the browser, fixing bugs, and testing for usability. (https://burenscore.mn/)

March 2022 - present

Icapital.mn

This undertaking, a secondary market system, is a part of a micro-service system of Invescore Capital, which involves two primary services - an underwriting service and a brokerage service. It acts as a medium for determining the pricing of assets in a transaction consistent with the demand and supply. Furthermore, the information about transaction prices is within the public domain, which enables investors to decide accordingly.

Speaking of my roles as a team member in this enterprise, I work as a full-stack developer, implementing Research and Development (R&A) in every requirement that is needed to be satisfied. Because the back end of this product uses PHP programming language, I managed to flow with the development process by simultaneously learning the language and the frameworks such as Laravel, Lumen, Blade, and Orchid. Besides, writing unit tests as soon as implementing a stakeholder characteristic is a must since the project works with other sub-systems. (https://www.icapital.mn/)

March 2022 - present

Ipo.Icapital.mn

As its name stands, the immediate purpose of this system is to make the function of buying pre-IPO stock possible for retail investors.

My fundamental role is the same as in the secondary market system of Invescore Capital, as I mentioned earlier. On top of that, since the front end was written using the Vue JS web framework, it was easy to implement application behaviors relating to IPO ordering and managing user credentials. The most recent development I implemented is the SSO platform, which uses the OAuth2 protocol to manage user credentials, using Firebase Authentication Service, Firebase Admin SDK, and Google Cloud Functions. The initial approach was Keycloak, an open-source identity and access management solution, but it was insufficient as our users kept increasing. (https://ipo.icapital.mn/)

March 2022 - present	**Order.Icapital.mn**

This system differs from the other two (the secondary market and the pre-IPO stock market) by implementing an order o IPO defined by the system organizers without requiring a username or password from the user, yet it uses a national ID code instead.

I have been working on this system as a project maintainer, and the latest changes I made were using Redis, an open source (BSD licensed), in-memory data structure store, used as a database, cache, and message broker, and Centrifuge, which bridges assets like invoices, real estate, and royalties to DeFi, to listen to payment status from the server. (https://order.icapital.mn/)

October 2021 - present	**FinBerry.mn**

The FinBerry platform offers three types of crowdfunding: loans (collateralized and guaranteed), incentives, and donations.

The immediate service of this company relies on several sub-systems such as admin web, user web and other server side systems. I maintain the current system status by keeping track of the ongoing work and reported issues to make sure that it gets reviewed and merged in a timely manner, delivering the vision by implementing, fixing bugs, reviewing and merging PRs directly and via contributors. The system has been developed using Django, and Django Rest which are frameworks of Python. (https://www.finberry.mn/)

October 2021 – November 2021	**Corexchain.io**

Corex LLC is the first crypto exchange with a combined blockchain network. Moreover, COREX digital stock exchange is a reliable and innovative service provider whose system security is certified by CERTIK audit.

I built an IEO site using WordPress for this company before the first exchange began. (https://www.corexchain.io/?page_id=1479&lang=en)

EDUCATION

September 2018 – Spring 2022	**Bachelor degree in Software Engineering**

National University of Mongolia, Mongolia

- Graduated cum laude and with Honours (additional 20 ECTS). Average grade: 3.8/4.0 (top 1%)

PERSONAL SKILLS

Mother tongue(s)	Mongolian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English				
C2	C1	B2	B2	B2
International English Language Testing System – 7.0				
Russian				
B1	B1	B1	B1	B1

ESL: Testing Russian level online – B1				

French	A1/2	A1/2	A1/2	A1/2	A1/2
	ESL: Testing French level online – A1/2				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Other skills
- Painting (Acrylic and watercolor)
- Vector illustration
- 3D Modelling (Autodesk 3ds Max)
- Playing piano (Intermediate)
- Swimming (Front crawl, backstroke, and breaststroke)

EXTRACURRICULAR ACTIVITIES

June 2022 — **The Most Advanced Graduate Award**
National University of Mongolia, Mongolia
- Graduated cum laude and with Honours. Average grade: 3.8/4.0 (top 1%)

May 2020 — **RYS200 – Yoga Alliance**
200 - Hour International Yoga Teachers' Training Course, Mongolia

June 2018 — **Outstanding student award**
14th School of Advanced Natural Sciences, Mongolia

April 2018 — **Second place diploma award**
The 16th National Design Cartography Olympiad, Mongolia

April 2018 — **Third-grade diploma award**
Third-grade diploma award, Kangaroo-2018, International Mathematical Competition

March 2018 — **Third place diploma award**
Third place, State Olympiad of IQ, Mongolia

April 2017 — **Second-grade diploma award**
Second-grade diploma award, Kangaroo-2017, International Mathematical Competition

March 2017 — **Third place diploma award**
Third place diploma award, 8th Mathematics Olympiad

April 2015 — **Third-grade diploma award**
Third-grade diploma award, Kangaroo-2015, International Mathematical Competition

GRANTS AND SCHOLARSHIPS AWARDED

April 2018 — **Scholarship Award, Ikh Zasag International University, (IZIU)**
₮500,000.00 off of tuition fee in IZIU in Mongolia

Scholarship Award, Mongolian State University of Education

Certificate in Design and Cartography Excellence in Mongolian State University of Education in Mongolia

Scholarship Award, Urlakh Erdem Fashion Design Insitute

Certificate in Design Excellence in Urlakh Erdem Fashion Design Institute in Mongolia